



ALTERNATIVE TO PTO/SB/08a/b (06-03)

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/678,414
				Filing Date	October 2, 2003
				First Named Inventor	Lawrence M. KAUVAR
				Art Unit	1639
				Examiner Name	R. Pennatur T. Wissund
Sheet	1	of	1	Attorney Docket Number	388512010101

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
FW	1.	US-5,202,231	04/1993	Dmanac et al.	
	2.	US-5,326,692	04/1996	Brinkley et al.	
	3.	US-5,356,784	10/1994	Kauvar	
	4.	US-5,525,464	06/1996	Dmanac et al.	
V	5.	US-5,541,070	07/1996	Kauvar	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
FW	6.	WO-95/32425	11/1995			

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	T. B. J.	Date Considered	8/17/06
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sd-249700

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 388512010101

Application Number 10/678,414

Applicant

Lawrence M. KAUVAR et al.

Filing Date October 2, 2003

Group Art Unit 1639

Mailing Date: January 15, 2004



## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
TW	1.	10/1996	5,565,324	Still et al.	436	518	
	2.	11/1996	5,573,909	Singer et al.	435	6	
	3.	02/1998	5,716,855	Lerner et al.	436	533	
	4.	02/1998	5,721,099	Still et al.	435	6	
	5.	03/1998	5,723,218	Haugland et al.	428	402	
	6.	08/1998	5,789,172	Still et al.	435	6	
	7.	10/1999	5,968,736	Still et al.	435	6	
	8.	11/1999	5,981,180	Chandler et al.	435	6	
	9.	12/1999	6,001,579	Still et al.	435	7.0	
	10.	02/2000	6,023,540	Walt et al.	385	12	
	11.	04/2001	6,210,900	Yamashita et al.	435	7.1	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
TW	12.	01/1994	EP 0 577 092	Europe	—	—	
	13.	04/1994	WO 94/08051	<del>EP</del> World	↓	↓	
	14.	10/1995	WO 95 28640	<del>EP</del>	↓	↓	
	15.	04/1997	WO 97 14028	<del>EP</del>	↓	↓	
	16.	04/1999	WO 99 19515	<del>EP</del>	↓	↓	

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
TW	17.	Beverloo, H.B., et al., "Preparation and Microscopic Visualization of Multicolor Luminescent Immunophosphors", <i>Cytometry</i> (1992) 13:561-570.

EXAMINER:

T.O.Y.

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8/17/06

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18. Borchardt, A., "Small molecule-dependent genetic selection in stochastic nanodroplets as a means of detecting protein-ligand interactions on a large scale", *Chem and Biol* (1997) 4:961-968.
19. Chen, H., "IVE (Image Visualization Environment): A Software Platform for All Three-Dimensional Microscopy Applications" *J Structural Biol* (1996) 116:56-60.
20. Kam, Z., "Three-dimensional microscopy in thick biological samples: a fresh approach for adjusting focus and correcting spherical aberration", *BiolImaging* (1997) 5:40-49.
21. Keij et al., "Flow Cytometric Characterization and Classification of Multiple Dual-Color Fluorescent Microspheres Using Fluorescence Lifetime," *Cytometry* (1998) 33(3):318-323.
22. Kirk, G., "Quantitative X-ray imaging of labelled molecules in tissues and cells", *J. Microscopy* (1996) 183:181-186.
23. Morrison, L.E., "Two-Color Ratio-Coding of Chromosome Targets in Fluorescence in Situ Hybridization: Quantitative Analysis and Reproducibility", *Cytometry* (1997) 27:314-326.
24. Napolitano, E.W., et al., "Glubodies: randomized libraries of glutathione transferase enzymes", *Chem & Biol* (1996) 3:359-367.
25. Ohlmeyer et al., "Complex Synthetic Chemical Libraries Indexed with Molecular Tags," *Proc. Natl. Acad. Sci. USA*, (1993) 90:10922-10926.
26. Paddy, M.R., "Time-resolved, in vivo studies of mitotic spindle formation and nuclear lamina breakdown in *Drosophila* early embryos", *J Cell Sci* (1996) 109:591-607.
27. Speel, E.J., "Sensitive Multicolor Fluorescence In Situ Hybridization Using Catalyzed Reporter Deposition (CARD) Amplification", *J Histochem Cytochem* (1997) 45:1439-1446.
28. Swedlow, J.R., "Deconvolution in Optical Microscopy", *Deconvolution of Images in Spectra*, Second Edition, (1997), Academic Press pgs. 286-307.
29. Urata, Y., "A Three-Dimensional Structure Dissection of *Drosophila* Polytene Chromosomes", *J Cell Biol* (1995) 131:279-295.
30. Vorgt, R.F., "Model System Evaluating Fluorescein-Labeled Microbeads as Internal Standards to Calibrate Fluorescence Intensity on Flow Cytometers", *Cytometry* (1989) 10:294-302.
31. Waggoner, A., "Multiparameter Fluorescence Imaging Microscopy: Reagents and Instruments", *Human Pathology* (1996) 27:494-502.
32. You, A.J., et al., "A miniaturized arrayed assay format for detecting small molecule-protein interactions in cells", *Chem and Biol* (1997) 969-975.

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